IN THE CLAIMS

Please amend the claims as follows:

Claims 1-43 (canceled)

Claim 44 (new): A substrate processing apparatus comprising:

a processing apparatus body including,

a plurality of process units configured to execute a predetermined process to a substrate, and

a transport apparatus configured to move the substrate between the plurality of process units;

a control apparatus including,

a first controller configured to transmit a first instruction signal, and to control the processing apparatus body as a whole, and

a second controller configured to individually control the plurality of process units based on the first instruction signal received from the first controller, and to transmit a first signal to the first controller, the first signal including information necessary to grasp a process history of the plurality of process units;

a hub connected to the first and second controllers, the hub configured to receive the first signal transmitted by the second controller;

an information storage section connected to the hub, the information storage section configured to read the first signal from the hub, and to store the information necessary to grasp the process history of the plurality of process units included in the first signal; and

a host computer connected to the first controller and to the information storage

section, the host computer being configured to analyze the first instruction signal received

from the first controller and a second signal received from the information storage section,

the second signal including the information necessary to grasp the process history of the

plurality of process units retrieved from the information storage section.

Claim 45 (new): The substrate processing apparatus according to claim 44, wherein

the host computer transmits a second instruction signal to the first controller, the second

instruction signal configured to instruct the first controller to control the processing apparatus

body based on an analysis result of the first instruction signal and the second signal.

Claim 46 (new): A substrate processing system comprising:

a plurality of processing apparatus bodies each including,

a plurality of process units configured to execute a predetermined process to a

substrate, and

a transport apparatus configured to move the substrate between the plurality of

process units;

a plurality of control apparatuses each including,

a first controller configured to transmit a first instruction signal, and to control

a respective one of the plurality of processing apparatus bodies as a whole, and

a second controller configured to individually control a plurality of process

units in the respective one of the plurality of processing apparatus bodies based on the

first instruction signal received from the first controller, and to transmit a first signal

to the first controller, the first signal including information necessary to grasp a

process history of the plurality of process units in the respective one of the plurality of processing apparatus bodies;

hubs connected to the respective first and second controllers, the hubs being configured to receive the respective first signals transmitted by the respective second controllers;

an information storage section connected to the hubs, the information storage section configured to read the respective first signals from the respective hubs, and to store the information necessary to grasp the process history of the plurality of process units included in the respective first signals; and

a host computer connected to the first controllers and to the information storage section, the host computer being configured to analyze the respective first instruction signals received from the respective first controllers and second signals received from the information storage section, the respective second signals including the respective information necessary to grasp the process history of the plurality of process units retrieved from the information storage section.

Claim 47 (new): The substrate processing system according to claim 46, further comprising:

a monitor computer connected to the host computer through a communication network.

Claim 48 (new): The substrate processing system according to claim 46, wherein the host computer transmits second instruction signals to the respective first controllers, the respective second instruction signals configured to instruct the respective first controllers to

individually control the respective one of the plurality of processing apparatus bodies based on an analysis result of the respective first instruction signals and the respective second signals.

Claim 49 (new): The substrate processing system according to claim 46, wherein each of the plurality of control apparatuses further comprises:

a display configured to display at least one of recipe information, maintenance information, measurement information, and operation information relative to each of the plurality of processing apparatus bodies, and a transport information of the substrate.